

HAAN[®]

engineering clean.™

Steam Cleaning **FLOOR SANITIZER**



FS-50/FS50+

*The Fast, Easy Way
to Sanitize and
Clean Your Floors
for a Fresh and
Healthy Home!*



User Manual

Notice

The information contained in this document is subject to change without notice.

HAAN® Corporation assumes no responsibility for any errors that may appear in this document nor does it make expressed or implied warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

HAAN® Corporation shall not be liable for incidental or consequential damages in connection with or arising out of the furnishing, performance, or use of this document and the program materials which it describes.

Edition 1, June 2010

Printed in Korea/China

Product manufactured in Korea/China

All rights reserved. No part of this document may be photocopied, reproduced or translated to another language without prior written consent of **HAAN®** Corporation.

HAAN® is a registered trademark of the **HAAN®** Corporation.

Engineering clean™ is a trademark of **HAAN®** Corporation.



Introduction

Cleaning your floors has never been faster!

Congratulations on purchasing the **HAAN®** FS-50 Steam Cleaning Floor Sanitizer.

Step up to a cleaner, healthier home with the FS-50. Designed with an ergonomic pistol grip handle and pole that's easier on your back, the FS-50 makes it simple to clean and sanitize every sealed hard surface floor in your home with the power of steam. **HAAN®** engineering takes regular tap water and turns it into 212°F steam, killing up to 99.9% of E.coli, Salmonella and other common household germs — without chemicals!

Turn it on, and in less than 3 minutes, you'll have 20 minutes of steam cleaning power, without needing to refill the water tank. So you can clean all of your hard floors in one quick session. Patented super-absorbent, multilayer Ultra-Microfiber cleaning pads are engineered to reduce friction and dry floors instantly. Plus they feature a hook and loop touchless attachment system and can be machine washed to use time and time again.

Weighing less than 4 lbs. with a full tank of water, the **HAAN®** Floor Sanitizer is engineered to outperform nearly every steamer in any class. Using superior quality materials and stringent manufacturing practices, **HAAN®** sets the standard for durability and performance in steam cleaning.



Look for the **HAAN®** “steamlet” symbol in this manual for Helpful **HAAN®** Hints that will help you make the most of your new **HAAN®** FS-50 Steam Cleaning Floor Sanitizer.

Backed with a one-year limited warranty, your quality **HAAN®** product is sure to give you years of dependability. And our Customer Care representatives are available to answer any of your questions about your new Steam Cleaning Floor Sanitizer.

Thousands of **HAAN®** customers have already fallen in love with the **HAAN®** FS-50 Steam Cleaning Floor Sanitizer. We're confident you will, too.

Thank you again for your purchase.

*The **HAAN®** Team*



Important Safety Information

FOR HOUSEHOLD USE ONLY

IMPORTANT



Be sure to read **ALL** instructions and warnings **before** using your **HAAN®** Floor Sanitizer.



WARNING

Risk of electrical shock - be sure to read and follow all instructions and warnings.



CAUTION

The FS-50 emits steam at 212°F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and **DO NOT** touch the aforementioned parts during use except in the approved manner as outlined in this manual.



SAVE THESE

INSTRUCTIONS -

For household use only. Any other use of this appliance will void the manufacturer's warranty.

Basic precautions should be observed when using an electrical appliance, including the following:

1. Do not direct steam at people, animals, or electrical outlets.
2. Do not expose to rain or use outdoors. Store indoors.
3. Never leave your floor sanitizer in one spot on any surface for any period of time. Always place on the Floor Protector/Resting Mat and make sure that the product is turned off.
4. Unplug from outlet when not in use and before conducting maintenance or troubleshooting.
5. Do not leave Floor Sanitizer unattended.
6. Do not leave the Floor Sanitizer connected to an electrical outlet when not in use.
7. Do not service Floor Sanitizer when it is plugged in.
8. Do not use with damaged cord or plug.
9. Do not use Floor Sanitizer if it has been dropped, damaged, left outdoors or dropped into water. Call Customer Service for instructions.
10. Do not handle Floor Sanitizer with wet hands.
11. Do not pull or carry by cord, use cord as a handle, close door on cord, bend the cord excessively, pull cord around sharp corners, place heavy objects on it or expose cord to heated surfaces. If the power cord has become knotted and/or worn, contact the service center for a replacement power cord.
12. Do not unplug by pulling on cord. Unplug by grasping the plug, not the cord.
13. Do not use appliance in an enclosed space filled with vapor given off by oil-based paint thinner, some moth-proofing substances, flammable dust, or other explosive or toxic vapors. When in use, never turn the Floor Sanitizer over on its side.
14. Do not allow to be used as a toy. Pay close attention when used near children, pets or plants. Do not leave your Floor Sanitizer unattended while plugged in.
15. Do not use on leather, wax-polished furniture or floors, synthetic fabrics, velvet or other delicate, steam-sensitive materials. It is recommended testing a secluded section before using elsewhere.



WARNING

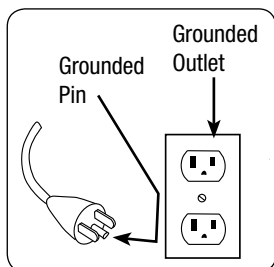
To avoid circuit overload, **DO NOT** operate another appliance on the same electrical outlet (circuit).



CAUTION

DO NOT operate your Floor Sanitizer if the power indicator light flickers. Contact the **HAAN®** Customer Care Center at the number shown below.

IMPORTANT



WARNING

DO NOT modify the plug. Improper connection of the equipment-grounding conductor can result in a risk of electrical shock.

16. Do not immerse in water or any other liquids.
17. Do not use for any purpose other than those described in this User Manual. Use the product only for its intended use and only as described in this manual.
18. Use only manufacturer's recommended attachments – use of attachments not provided or sold by **HAAN®** may cause fire, electric shock or injury.
19. Never put any aromatic oils or perfumes, chemicals, alcohol or detergent products into the steam cleaner, except those approved by **HAAN®**. Non-approved additives may damage the unit or make it unsafe for use.
20. Do not put any foreign objects into openings. Do not use with any opening blocked.
21. Use **ONLY** on flat, horizontal surfaces. Do not use on walls or windows. Extreme caution should be exercised when using your Floor Sanitizer to clean stairs.
22. If the circuit breaker activates while using the steam function, discontinue product use immediately and contact the customer support center. (Beware of the risk of electrical shock.)
23. Do not allow the product to be disassembled and/or modified by anyone other than an authorized service technician. (Doing so can result in fire and/or electrical shock.) Contact Customer Care for instructions for repairs.
24. Never use your Floor Sanitizer on hard-surface floors without the Ultra-Microfiber Pad. The Carpet Tray attachment must always be used on carpet and rugs.

Grounding Instructions:

The HAAN FS-50 must be connected to a grounded (3-prong) wiring system. Grounding provides a safe path of least resistance for electrical current, in the event the unit should malfunction or break down thereby reducing the risk of electrical shock. The cord for this product has an equipment-grounding conductor and a grounding plug. Do not plug it into an outlet that is not properly installed and grounded in accordance with all local codes and ordinances.

Check with a qualified electrician or service person if you aren't sure if the outlet is properly grounded. If it will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance is designed for use on a nominal 120-volt circuit and has a grounding attachment plug as illustrated above. Make certain that the appliance is connected to an outlet having the same configuration as the plug. ***No plug adapter should be used with this appliance.***



FS-50

Steam Cleaning
**FLOOR
SANITIZER**



Included Accessories:

- (12) Ultra-Microfiber Pad (2)
- (13) Fill Cup (1)
- (14) Floor Protector/Resting Mat (1)
- (15) Carpet Tray (1; included with FS-50+)



Product Description

FEATURES:



HELPFUL HAAN® HINT:

15 Powerful Steam Jets are spaced perfectly to cover more floor in less time. Be assured you are steam cleaning when you push the machine forward, as well as when you are pulling it back.



HELPFUL HAAN® HINT:

To extend the life of your Ultra-Microfiber Pads, always place your unit on the Floor Protector/ Resting Mat while the unit heats up, and attach the Ultra-Microfiber Pad when the unit is ready to use.



HELPFUL HAAN® HINT:

Using the Floor Sanitizer with the Carpet Tray will not lift all set-in stains from your carpet, but our patented Ultra-Microfiber Pad may be used to act as a “blotter” for removing most fresh, wet spills and stains.

1. **Easy-Grip Handle** - designed for easy cleaning.
2. **Storage Hook** - rotates 360° so it can be used to manage the cord and then provide convenient, easy hanging storage in closet or laundry room.
3. **Power Cord Management System** - keeps your pathway clear.
4. **Pivoting Power Cord Wrap** - releases cord with a flick of the wrist.
5. **Ergonomic Pole** - adjusts for height, tight spaces and easy storage. This ‘one-piece’ pole comes packaged at lowest height setting.
6. **Pole Connection** - easily connects upper and lower sections of the ergonomic pole
7. **Power Cord with Flexible Cord Support** - double-insulated cord with a 3-prong plug complete with a Flexible Cord support that strengthens cord connection.
8. **Indicator Lights** - GREEN Power Light illuminates when unit is ON and RED Refill Light indicates when water refill is needed.
9. **Orange Power Button** - for easy ON/OFF steam operation.
10. **Thermal Indicator** - turns from black to orange when the FS-50 is ready to use.
11. **Steam Head with 15 Powerful Steam Jets** - spaced perfectly to cover more floor in less time.

Make sure to check for the following accessories!

12. **Standard Ultra-Microfiber Pad** - (2) patented super-absorbent Ultra-Microfiber Pads lock in dirt and leave floors dry to the touch. Specially designed for ‘No-Touch’ attachment and removal.
13. **Fill Cup (1)** - makes it easy to put the right amount of water in the tank.
14. **Floor Protector/Resting Mat (1)** - for use when heating up your Floor Sanitizer or when taking a break from active cleaning – place on the floor with the “bumpy” side facing up.
15. **Carpet Tray (1; included with FS-50+)** - easily attaches to unit for sanitizing and refreshing carpeted areas and other soft surfaces.

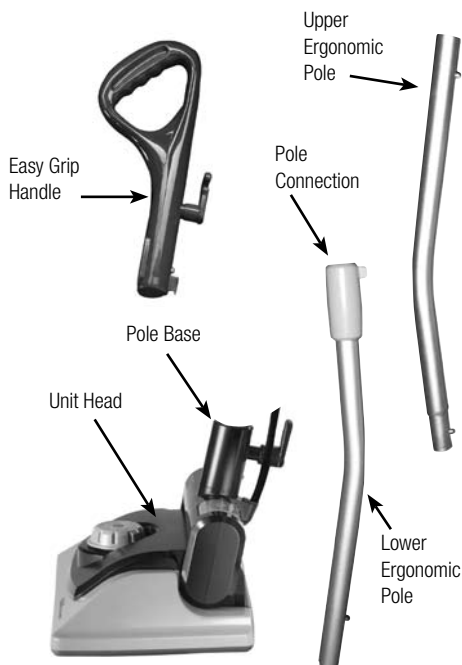


Assembling Your Floor Sanitizer

1 ➡ 2 ➡ 3 Ready to Clean

To enable you to get the most satisfaction from your FS-50 Floor Sanitizer, be sure to follow the assembly and operating instructions included in this manual. Read this manual thoroughly before assembling your unit.

After unpacking the FS-50, identify the product parts before assembling. Pay specific attention to the product descriptions to familiarize yourself with all the parts of your FS-50 Floor Sanitizer. No additional tools are needed to put the unit together. It is quick and easy.

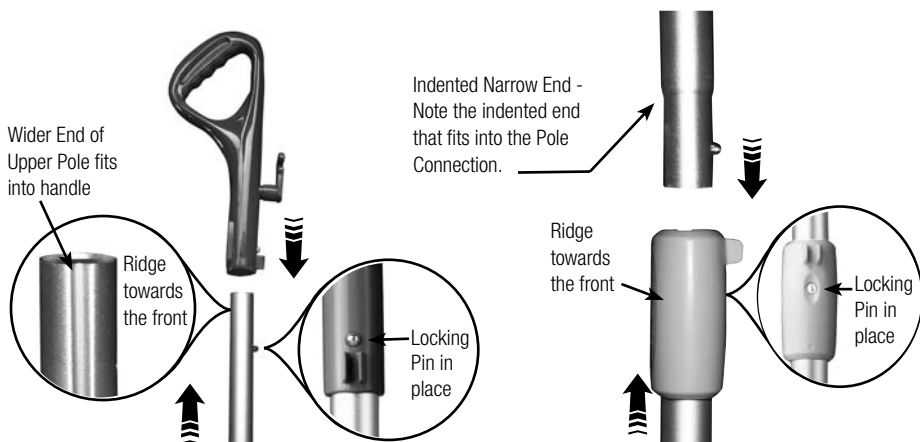


- 1** Insert the Easy Grip Handle onto the top end of the silver upper ergonomic pole.

IMPORTANT NOTE: The upper pole has one end that is indented and narrow. The narrow end fits into the Pole Connection, NOT the handle. See Fig under Step 2.

- 2** Align the indent in the pole to the ridge inside the handle and the Locking Pin to the hole in the handle. Hold the Locking Pin in, and slide them together until the pin snaps into place.

- 3** Attach the upper pole once the handle has been secured in place, to the lower pole at the plastic connection. The narrow end of the upper pole connects into the plastic Pole Connection. Align the ridge to the front and the Locking Pin to the hole in the plastic Pole Connection, and while holding the Locking Pin in, slide the poles together until the pin snaps into place.





Before Using Your Floor Sanitizer



Be sure to read **ALL** instructions and warnings **before** using your **HAAN®** Floor Sanitizer.



HELPFUL HAAN® HINT:

Never leave the appliance in one spot on any surface for any period of time. Always place your FS-50 Floor Sanitizer on the Floor Protector/Resting Mat when stationary, and make sure the Floor Sanitizer is turned off when not in use.



HELPFUL HAAN® HINT:

DO NOT add cleaning solutions, scented perfumes, oils or any other chemicals to the water used in this appliance except those authorized by **HAAN®** and then use only in the described manner. While it is acceptable to use regular tap water, if the tap water in your area is hard, we recommend you use distilled/purified water to extend the life of your appliance. Always empty water from water tank after use.



WARNING

Your Floor Sanitizer is designed to clean hard floor surfaces that will withstand high heat. Do not use on unsealed wood or unglazed ceramic floors. On surfaces that have been treated with wax or some no-wax floors, the sheen may be removed by the heat and steam action. It is always recommended to test an isolated area of the surface to be cleaned before proceeding. We also recommend that you check the use and care instructions from the floor manufacturer.



CAUTION

Use a grounded receptacle. Use only a heavy duty extension cord rated for 15 amps minimum – **DO NOT** use an ordinary extension cord. To provide continued protection against the risk of electric shock, connect to properly grounded outlet only.



IMPORTANT

This product is **NOT** for space heating purposes.



IMPORTANT

Always be sure that your Floor Sanitizer is **UNPLUGGED** from the wall receptacle prior to filling the water tank.

Never use your FS-50 without a cleaning pad attached to the base.



CAUTION

The FS-50 emits steam at 212°F to sanitize the area of use. This means that the steam head, cleaning pads and Carpet Tray get very hot during use. Care should be taken when using this appliance and **DO NOT** touch the afore-mentioned parts during use except in the approved manner as outlined in this manual.



Fig 1

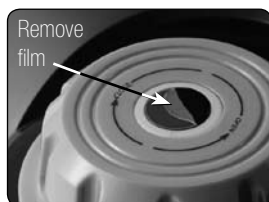


Fig 2



Fig 3



Fig 4

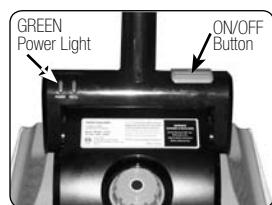


Fig 5



Operating Instructions:

- 1) Remove all parts from the packaging.
- 2) Assemble the unit as described on page 6.
- 3) **IMPORTANT:** Make sure you remove the clear plastic film that is over the Thermal Indicator on the water tank cap. Failure to do this could inhibit the sensor and give an incorrect reading. **DO NOT** remove the black sensor (Fig 1).
- 4) Place the Floor Sanitizer on the black Floor Protector/Resting Mat (be sure the “bumpy” side is facing up), and open the tank filling cap.
- 5) Using the provided fill cup, pour no more than one Fill Cup of water (as indicated by the fill line on the cup) into the tank (Fig 2). Do not overfill. There is a Tan bar (Water Level Indicator) just inside the opening of the Water Tank to show the correct water level (Fig 3). Replace the cap when water is level to the bar and tank is filled.
- 6) Plug the Floor Sanitizer into a standard 120-volt grounded wall receptacle.
- 7) Press the Orange ON/OFF power button to turn your Floor Sanitizer ON. The GREEN Power ON light will illuminate (Fig 4).

► **NOTE:** The Orange button can sometimes be confused as a release for the handle/pole of the FS-50. The Orange button is the POWER button only. To release the handle/pole, simply place your foot gently on top of the FS-50 and pull back.

Your FS-50 is ready to use when the Thermal Indicator on the tank cap changes from black to orange.

- 8) Place a cleaning pad on the floor with the ‘hook & loop’ side facing up. Lightly press the base of the FS-50 on the pad, making sure the cleaning pad is centrally positioned to the bottom of the unit. The specially-designed bottom of the FS-50 will grip the pad.

DO NOT attach the pad crossways or angled to the bottom of the unit (Fig 5a & 5b).



Fig 6



Fig 7



Fig 8



Fig 9



CAUTION

Never use your FS-50 without a cleaning pad attached to the base, as you could damage the floor surface.

Never leave the Ultra-Microfiber Pad on your Floor Sanitizer when you have finished using the unit. Remove the pad after each use to dry and clean.

Operating Instructions: (cont)

- 9) To release the handle/pole in preparation for using the FS-50, simply place your foot gently on top of the main unit and pull back. Do not confuse the Orange Power Button as a release for the handle. Push and pull the FS-50 slowly across your floor to thoroughly steam clean each section (Fig 6).

To Refill Water Tank:

- 10) When there is no more water in the tank, the RED Refill Light will illuminate (Fig 7).
- 11) To refill the Water Tank, turn your FS-50 off, unplug it from the electrical wall outlet and let the unit cool for 30 seconds. Then remove the fill cap and pour in the water. **Do not overfill** (Fig 8).
- 12) When you have finished using the FS-50, turn it OFF and wait until the unit cools down for approximately five (5) minutes before removing the cleaning pad from the base. Remove the pad by using your foot to hold the pad while you pull up to detach the pad from the steam head. The pad and unit are specially designed for this '**No Touch**' method of removal (Fig 9). For directions on the removal and use of the Carpet Tray/ Carpet Tray Pad see pg 10-11.

► **NOTE:** The cleaning pads get very hot with the steam during use. Allow it to cool on black Floor Protector/Resting Mat before removal.

- 13) Store the unit upright in a protected dry area, standing it on the Floor Protector/Resting Mat or hanging it by the Storage Hook.

Special Notes on Using your HAAN® Floor Sanitizer:

- Always vacuum or sweep floor before sanitizing.
- The easiest way to use the machine is to tilt the handle to a 45° angle and clean *slowly* 2-3 yards at a time.
- Although we do not advocate the use of chemicals, to remove stubborn stains from vinyl or linoleum floors, you can pre-treat with a mild detergent and some water before using the Floor Sanitizer.



Operating Instructions: (cont)

Ultra-Microfiber Pads

What is an ultra-microfiber?



HELPFUL HAAN® HINT:

We recommend placing your FS-50 on the Floor Protector /Resting Mat while the unit heats up. When the unit is ready, lift it off of the resting pad and simply place the cleaning pad on the floor. The 'hook & loop' system quickly attaches the pad to the base of the unit.

An ultra-microfiber is a textile fiber that is thinner than a microfiber. The ultra-microfiber by **HAAN®** Corporation is 5-10 times thinner than common microfiber, providing for a significantly higher thread count in the same surface area. The thinner and higher the thread count, the greater the absorption. The **HAAN®** ultra-microfibers are so thin that more dirt and dust gets trapped between the fibers, making your cleaning simpler and less time-consuming.

Fig 10

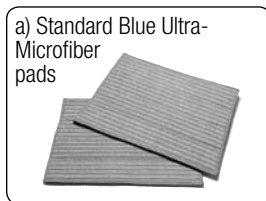


Fig 11

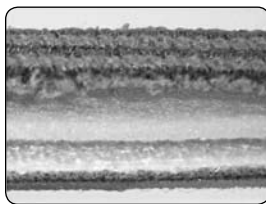
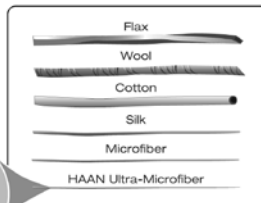
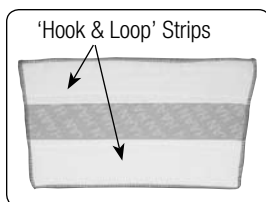


Fig 12



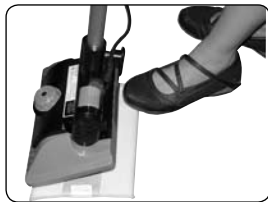
How to Use the Ultra-Microfiber Pads: (Fig 10)

(This includes standard Ultra-Microfiber Pads & other pads that can be purchased separately thru Customer Care; see below)

- 1) Please make sure that you always use completely dry pads.
- 2) The Ultra-Microfiber Pad is made up of multiple layers of super absorbent material (Fig 11). The outer layer is ultra-microfiber on one side and a 'hook & loop' system on the other side that attaches easily to the underside of the steam head. Simply place the pad on the floor with the 'hook & loop' side up (Fig 12), and lightly press the FS-50 Floor Sanitizer down on the pad.
- 3) As high temperature steam passes through a pad to contact the floor to kill germs, molds and mites, it is natural that the pad gradually absorbs moisture. After a certain length of time, the pad repels water and becomes damp. When the pad becomes saturated, turn the unit OFF, rest it on the black Floor Protector/Resting Mat and wait until the FS-50 cools down. After approximately five (5)



Fig 13



HELPFUL HAAN HINT:

Using the FS-50 will not lift all set-in stains from your carpet, but our patented Ultra-Microfiber Pads may be used to act as a “blotter” for removing most fresh, wet spills and stains.

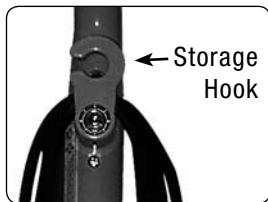
Fig 14



CAUTION

Never leave the appliance in one spot on any surface for any period of time. Always place your FS-50 on the Floor Protector/Resting Mat when stationary, and make sure the Floor Sanitizer is turned off when not in use.

Fig 15



Operating Instructions: (cont)

How to Use the Ultra-Microfiber Pads: (cont.)

minutes put your foot on a corner of the pad and lift the FS-50 off the pad (Fig 13).

Replace with a dry pad on the steam head, turn the FS-50 back on and once the thermal indicator turns orange, continue cleaning.

- 4) To keep the floor clean and dry, replace the pad when it is dirty and/or saturated.

Using the FS-50 to Remove Fresh Stains:

The Ultra-Microfiber Pads can be used to break up fresh stains on carpeting, rugs, upholstery, pet cushions and other soft surfaces. Follow these instructions to make the most of your FS-50.

- 1) Follow the instructions to attach a cleaning pad and set up the unit for use (Steps 4-8, pg 8).
- 2) With pad in place (Fig 14), put the FS-50 over the stain and hold it in place for a few seconds to allow the steam to penetrate the area of the stain.
- 3) Push and pull the FS-50 slowly across the stained area to work the steam into the stain.
- 4) Place the FS-50 on the Floor Protector/Resting Mat, turn it OFF and wait until the unit cools down (approximately 5 minutes). Remove the used pad.
- 5) Return the FS-50 to the Resting Mat and turn the unit ON. Once the Thermal Indicator has changed to orange indicating it is ready to use, place a dry Ultra-Microfiber Pad on the floor — *hook & loop* side up — and press the unit onto the pad.
- 6) Use the pad to rub the stain area, simultaneously working at the stain and blotting the moisture from the surface.
- 7) When you have finished using the unit, turn it OFF, place it on the Floor Protector/Resting Mat and wait until the FS-50 cools down before removing the Ultra-Microfiber Pad from the base by placing your foot on a corner of the pad and lifting the FS-50 off the pad.
- 8) Store the unit upright in a protected dry area, standing it on the Floor Protector/Resting Mat or hanging it by the Storage Hook (Fig 15).



Operating Instructions: (cont)

Fig 16



Fig 17

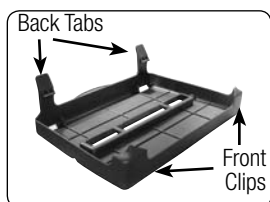


Fig 18



Fig 19



Fig 20



How to Use the **HAAN®** Carpet Tray to Freshen & Sanitize Carpets & Rugs:

► **IMPORTANT:** The Carpet Tray is used *without* the Ultra-Microfiber Pad. The carpet tray is an optional accessory that is included with the FS-50 + .

The Carpet Tray enables the Floor Sanitizer to freshen, deodorize and sanitize carpeting, rugs, and more. Used with the Floor Sanitizer it kills dust mites and other allergens in a variety of soft surfaces.

- 1) The tray attaches directly to the unit by snapping onto the bottom of the steam head. (Fig 16)

To attach the tray, make sure the high back tabs are at the back of the unit. (Fig 17) Then simply tilt the FS-50 so the front of the steam head slips under the front clips, press down until the back tabs snap over the back lip of the steam head. (Fig 18) The tray is made to fit snugly.

- 2) After attaching the tray, rest the unit on the Floor Protector/Resting Mat. Press the Orange ON/OFF power button to turn your Floor Sanitizer ON. The GREEN Power ON light will illuminate. Wait for the Thermal Indicator on the tank cap to change from black to orange to show the unit is ready for use.
- 3) Push and pull the FS-50 Steam Cleaning Floor Sanitizer slowly across your carpet or rug to thoroughly freshen and sanitize the fibers with steam (Fig 19).

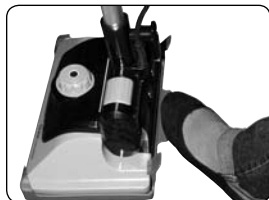
► **NOTE:** It is necessary to use the Carpet Tray in order for the unit to glide smoothly over the carpet.

- 4) When there is no more water in the tank, the RED Refill Light will illuminate to indicate a need to refill before continuing to sanitize. (Fig 20)
- 5) Place the unit on the Floor Protector/Resting Mat and turn your Floor Sanitizer OFF. Unplug the unit from the electrical wall outlet and wait for approximately five (5) minutes until the unit cools down before removing the cap.



Operating Instructions: (cont)

Fig 21



CAUTION

The FS-50 emits steam at 212°F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch the aforementioned parts during use except in the approved manner as outlined in this manual.

Fig 22



HELPFUL HAAN® HINT:

DO NOT use fabric softener when washing the Ultra-Microfiber Pads as this will compromise the absorbency of the microfiber.

- 6) Refill the Water Tank using the included Fill Cup. Replace the cap when correct water level is reached.
- 7) When you have finished using the Floor Sanitizer, turn it OFF, place it on the Floor Protector/ Resting Mat and wait until the Floor Sanitizer cools down for approximately five (5) minutes. Remove the Sanitizing Tray by using your foot to pull back on the silver bar and then holding the tray with your foot, lift the FS-50 off the tray. The tray is designed for this *No Touch* method of removal. (Fig 21)
- 8) Store the FS-50 and its accessories in a protected dry area with the Floor Sanitizer standing on the Floor Protector/Resting Mat, or by hanging it by the Storage Hook.

How to Clean and Store the HAAN® Ultra-Microfiber Pads:

- 1) All of the Ultra-Microfiber cleaning pads are easy to wash. Soak pads for about 1-2 hours in cold or lukewarm water with laundry detergent and hand wash them. You can also drop the pads in a washing machine and clean them using the gentle/delicate cycle. DO NOT use fabric softener or bleach as this will compromise the absorbency of the microfiber. (Fig 22)
- 2) You may dry your Ultra-Microfiber cleaning pads in a machine dryer on a low setting, but to extend the life of the pads, we recommend air drying them.



Helpful Hints for your FS-50:

How does the FS-50 work on pet “accidents”?

The ultra-absorbent microfiber loops on the FS-50 Pads quickly mop up water bowl spills and “pet puddles” while sanitizing the floor surface nearly on contact.

Will the FS-50 eliminate odors?

The FS-50 emits a fine vapor of 212°F steam that kills most odor-causing bacteria on sealed hard floors and soft surfaces.



Helpful Hints

-  Be sure to always vacuum or sweep up loose dirt before steam cleaning your floors. ***The FS-50 does not have any suction power.***
-  The easiest way to use the FS-50 is to tilt the handle to a 45° angle and then push and pull the unit slowly across each section of your floor – approximately 2 to 3 yards at a time.
-  To release the handle/pole in preparation for using the FS-50, simply place your foot gently on top of the main unit and pull back. Do not to confuse the Orange Power Button as a release for the handle.
-  A good amount of steam passes through the Ultra-Microfiber Pad. We recommend that the Ultra-Microfiber Pad be changed when it gets too wet. Your FS-50 includes 2 Blue Ultra-Microfiber Pads. Never leave the cleaning pad on your FS-50 when you have finished using the unit. Always remove the pad and wash in cool or warm water with a mild detergent. Never use bleach or fabric softener. See further instructions on the care of the cleaning pads on page 13.
-  While the FS-50 effectively cleans dirt and grime from sealed hard-surface floors, particularly stubborn stains on vinyl or linoleum floors may be pre-treated with a mild detergent and a little water before using the Steam Cleaning Floor Sanitizer.
-  Always let the FS-50 Floor Sanitizer cool for at least 5 minutes before removing any of the cleaning pads and emptying the Water Tank.
-  Never leave the FS-50 in one spot on any surface for any period of time. Always place your FS-50 on the black Floor Protector/Resting Mat (with the “bumpy” side facing up) when stationary, and make sure the unit is turned off when not in use.
-  Do NOT attempt to use the FS-50 in a vertical position (ie: to clean a tile wall) as this may cause leaking or malfunction of the product.



Care & Maintenance



IMPORTANT

Always be sure that your Floor Sanitizer is UNPLUGGED from the wall receptacle prior to cleaning or before emptying the Water Tank.

Fig 23

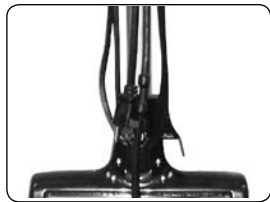
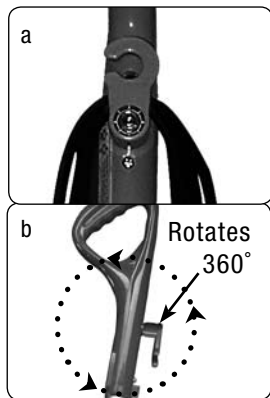


Fig 24



CAUTION

Do not immerse your Floor Sanitizer in water or any other liquid.



CAUTION

Never leave the appliance in one spot on any surface for any period of time. Always place your Floor Sanitizer on the Floor Protector/Resting Mat when stationary, and make sure the Floor Sanitizer is turned off when not in use.

- 1) Turn your FS-50 off and unplug the unit from the electrical outlet.
 - 2) Place the unit on the Floor Protector/Resting Mat.
 - 3) Prepare to store the FS-50 by looping the power cord around the pivoting cord wraps found on the handle pole and snap the plug securely onto the cord when complete (Fig 23).
 - 4) Let your FS-50 cool for five (5) minutes before removing the Ultra-Microfiber Pad.
 - 5) Always empty the Water Tank once you have finished using your FS-50 and before you store the unit.
 - 6) Remove the Ultra-Microfiber Pad being used and wash it in warm water with a mild detergent.
- ▶ **IMPORTANT:** Never use bleach or fabric softener when cleaning the Ultra-Microfiber Pad.
- The pad can be washed in a washing machine set on the gentle cycle. We recommend that you air dry the pads for 24 hours, but they can also be dried in a clothes dryer on a low heat setting.
- 7) To clean the body of your FS-50, wipe it down with a damp cloth.
 - 8) Store the unit upright in a protected dry area, standing it on the Floor Protector/Resting Mat, or hanging it by the Storage Hook (Fig 24a & b).



Any maintenance or service not included in this manual should be performed by an authorized service representative.

For questions call the Customer Care Center: 1-877-HAAN DIRECT (1-877-422-6347).



CAUTION

DO NOT overfill the water tank. Use only 1 cupful of the included Fill Cup when adding water to the tank. There is a line indicating the correct level just inside the opening to the Water Tank.



CAUTION

Keep the *Fresh Rinse™* Lime & Scale Remover in a cool, dry place. Keep out of reach of children.

Irritant - avoid contact with eyes, skin and clothing. DO NOT breathe dust. Avoid prolonged or repeated exposure. DO NOT ingest.

IMPORTANT

Fresh Rinse™ Lime & Scale Remover is only for use with the **HAAN®** Steam Cleaners.

Fig 25



Fig 26



Mineral Deposits:

One problem with a steamer appliance is the mineral deposits caused by the high mineral content in many municipal water supplies. Mineral residue inside of the internal pipes and heater can cause intermittent steaming or, in some cases, no steam at all.

▶ To reduce or eliminate the occurrence of mineral deposits, we recommend the use of de-mineralized or distilled water in the unit. However, regular tap water may be used.

If regular tap water is used, we recommend the use of a 'Lime & Scale Remover' every 2 or 3 months to ensure optimum functionality from your **HAAN®** Floor Sanitizer. You can purchase this directly from the **HAAN®** web site (see below).

How to use the *Fresh Rinse™* Lime & Scale Remover: (Fig 25)

- 1) Pour 1 cup of water (8 oz.) into the Water Tank.
- 2) Add the *Fresh Rinse™* (Fig 26) to the water tank.
- 3) Lift the unit and gently shake the water tank to dissolve the remover. After a few minutes, empty the tank of water and rinse the tank of residue before using your **HAAN®** FS-50.
- 4) We recommend using the *Fresh Rinse™* Lime & Scale Remover once very 2-3 months to ensure optimum function from your **HAAN®** FS-50 Steam Cleaning Floor Sanitizer.

▶ IN CASE OF CONTACT WITH EYES OR SKIN:

Hold eye open and rinse with copious amounts of cool water for 15-20 minutes. If applicable, remove contact lenses after first 15 minutes and continue rinsing. Wash skin with soap and lots of water. Call a Poison Control Center or your physician for additional treatment advice.

▶ **IN CASE OF INGESTION:** If swallowed, do not induce vomiting; if person is conscious wash out mouth with water. Drink a glass of water followed with milk. Call a physician immediately.

▶ **IF INHALED:** Remove to fresh air; if not breathing, give artificial respiration, and if breathing is still difficult, give oxygen.



Questions About the Floor Sanitizer



QUESTION: Can the HAAN® FS-50 be used on laminate flooring?

The HAAN® FS-50 Steam Cleaning Floor Sanitizer was designed for use on sensitive flooring like laminates. We've spent years optimizing the steam emission so that at nearly half the wattage of competitive products (ours is only 800w versus most that are 1500w), we still emit steam at 212°F. This means our finer vapor-like steam is gentler than those that simply blast 1500w of water and steam onto your floor. Yet the HAAN® effectively penetrates stains and kills up to 99.9% of E.coli, Salmonella and other common household germs. Steam is all we do, and we've spent years perfecting it.



QUESTION: How do I use the black rubber pad included with my FS-50?

The black Floor Protector/Resting Mat is to be used whenever your FS-50 is not being actively used. Place your FS-50 Steam Cleaning Floor Sanitizer on the mat (with the "bumpy" side facing up) as soon as you assemble your unit and before you fill the Water Tank. The FS-50 should remain on the Pad while it heats up, AND you should always set your FS-50 on the mat if you need to take a quick break from steaming. Never leave your FS-50 sitting in any one spot on the floor for any length of time or it may damage the floor surface. The black Floor Protector/Resting Mat should also be used when the unit is cooling down. If you store your FS-50 standing up (as opposed to hanging on a hook), we recommend you keep the unit on the mat for storage as well.



QUESTION: Can I use the HAAN® FS-50 anywhere besides hard floors?

Yes! You can use the FS-50 to freshen and deodorize carpets and rugs. Simply attach the special Carpet Tray and glide the FS-50 across the carpet or rug as you normally would on the hard surface floor.



Questions About the Floor Sanitizer



QUESTION: Why does the unit stop steaming when the red refill light comes on?

When the red refill light comes on, the unit automatically shuts off as a safety feature. This means the unit is out of water and needs a refill.



QUESTION: When I first used my FS-50, the pads left water streaks on my floor – why?

It is likely you attached your pad to the bottom of the FS-50 Steam Cleaner before the unit was heated, causing the pad to become wet. It is best to heat the unit on the black Floor Protector/Resting Mat (“bumpy” side facing up) before placing any pad on the steam head. Attach the pad only after the Thermal Indicator turns orange. Simply toss pad on the floor (with the white hook & loop side facing up) and set the base of the FS-50 on top of it. The hook & loop system will cause the pad to attach itself easily, so you won’t have to touch it.



NOTE: When using the white Carpet Tray Pad, you will need to attach the Carpet Tray after the pad is attached to the bottom of the unit.



QUESTION: How often do I have to buy new cleaning pads?

Your **HAAN®** FS-50 Steam Cleaning Floor Sanitizer includes 2 standard Blue Ultra-Microfiber Pads. They are reusable and machine washable. You simply toss them in the wash machine – *but please* **DON’T** use fabric softener or bleach. We recommend air drying the pads, but you may also dry them on a low heat setting in your dryer. Each pad will last through many washes. Replacement pads, as well as other specialty pads, are available for purchase through Customer Care at the number listed below.



QUESTION: What is the big difference between the HAAN® FS-50 Steam Cleaning Floor Sanitizer and other floor cleaners?

The Ultra-Microfiber Pads, included with the unit, are designed to grab onto dirt, small particles and hair, lifting them off the floor surface and trapping them in the pad. In addition, the FS-50 Steam Cleaning Floor Sanitizer uses only water to clean and sanitize horizontal surfaces. No harsh detergents or chemicals are needed. By emitting steam at 212°F, the **HAAN®** FS-50 kills up to 99.9% of household germs and allergens, including dust mites, E.coli and Salmonella – all quickly and easily!



Questions About the Floor Sanitizer



QUESTION: I don't see much steam coming out of the HAAN® FS-50 Steam Cleaning Floor Sanitizer – why not?

Actually, you shouldn't be able to see that much steam coming out of the unit. The truth is, the more steam you see when in use, the less effective a floor sanitizer is because the steam should be physically directed to cleaning your floors (or other horizontal hard surfaces) and not escaping through other parts of the steamer.



QUESTION: The HAAN® FS-50 is leaving my floor wet. Why, and what can I do about it?

Your cleaning pad may need to be changed. For optimal performance, the pad should be changed after every 10 minutes of use.



QUESTION: How long can you use a HAAN® cleaning pad before it needs to be changed?

The pad should be changed approximately every 10 minutes, or when it becomes saturated with water. The machine will become harder to push smoothly on the floor when the pad is saturated.



QUESTION: How long does a tank of water last? How often do I need to refill the tank?

A full tank will last approximately 20 minutes.



QUESTION: Sometimes my floor sanitizer becomes hard to push – why?

If the unit is hard to push, it is likely because the cleaning pad is too wet or the angle at which you are using the machine is too high. The lower the handle, the easier the Floor Sanitizer is to push across the floor and if doing this does not help, try replacing the pad with a dry one.



QUESTION: Will the HAAN® FS-50 clean grout?

Yes, but it needs a little help. If you glide your **HAAN®** over the problem grout areas allowing the steam to soften the surface dirt and then scrub with your standard blue Ultra-Microfiber Pad, it should effectively clean surface dirt off your grout.



Questions About the Floor Sanitizer (cont)



QUESTION: How do I use the Carpet Tray for my carpet?

The Carpet Tray is to be used alone attached to the bottom of the steam head without the Ultra-Microfiber Pad. See directions for attaching it and using it on pg 12-13.



QUESTION: Do I have to use distilled water in my HAAN® FS-50 Steam Cleaning Floor Sanitizer?

We recommend distilled water, but you may use tap water, unless you have hard water in your area. Using hard water will shorten the life of your appliance.



QUESTION: How can I prolong the life of my HAAN®?

To optimize and extend the life of your FS-50 Steam Cleaning Floor Sanitizer, especially if your area has hard water, we recommend using **HAAN® Fresh Rinse™** Lime and Scale Remover (available through Customer Care) every 2-3 months.



QUESTION: Does the HAAN® FS-50 work on pet stains?

Yes, the **HAAN®** FS-50 is able to spot clean fresh surface stains by loosening and lifting the stain. See details for this on pg 11, steps 1-8.



QUESTION: Where does the dirt go?

The FS-50 is **NOT** a vacuum, so it does not have any suction power to pick up dirt. Be sure to vacuum or sweep up any loose dirt before using your FS-50 Steam Cleaning Floor Sanitizer. The Ultra-Microfiber Pad will pick up dirt, very small particles and hair but it is recommended that the area be swept first. The FS-50 is designed to use the power of steam to thoroughly clean and sanitize your floor while killing up to 99.9% of E.coli, Salmonella and other common household germs. You'll notice the bottom of your cleaning pads will get dirty after cleaning your hard surface floors. That is why they're made to be washable and reusable.



Troubleshooting

This chapter summarizes the most common problems you could encounter with your floor sanitizer. Please read the different sections for more details. If you are unable to solve the problem, please contact our Customer Care Representatives at the number shown below.



PROBLEM: FS-50 does not operate.

Possible Cause:

- 1) Power cord not firmly plugged into outlet.
- 2) No power in wall outlet.

Possible Solution:

- 1) Check plug in outlet and set plug firmly.
- 2) Check fuse or breaker. Replace fuse and/or reset breaker.



PROBLEM: FS-50 does not emit steam.

Possible Cause:

- 1) No water in water tank.

Possible Solution:

- 1) Add water to the water tank following the instructions on page 9.



PROBLEM: Red light comes on and/or unit shuts off shortly after the water in the tank is heated.

Possible Cause:

- 1) Your internal thermostat may not have been pre-boiled to trigger proper thermostat levels.

Possible Solution:

- 1) Shut the unit off, remove the plug from the electrical outlet and empty the tank completely. After the unit has cooled down, refill the tank with cold water, using a little less than indicated by the line on the Fill Cup. Be sure not to overfill the tank. Do not fill above the level indicator inside the cap. Plug the unit back into the wall receptacle and press the Orange Power Button to start the heating cycle. Once heated you can use the unit as described in the manual for normal use.



PROBLEM: Water is leaking from the FS-50.

Possible Cause:

- 1) Your unit's water tank is overfilled.

Possible Solution:

- 1) The fill line on the Fill Cup indicates the proper amount of water needed for the tank, but you may want to try putting a little less water in the tank.

—  **IMPORTANT NOTE:** *Water should not go above the level indicator "bar" inside the opening on top of the tank.*



PROBLEM: FS-50 leaves water on the floor.

Possible Cause:

- 1) Cleaning pad is saturated.
- 2) Unit is not level on the floor.

Possible Solution:

- 1) Turn off unit, unplug from power outlet and change the cleaning pad as described on pg 10-11.
- 2) Always keep the FS-50 level and parallel to the floor.



PROBLEM: FS-50 left white spot on the floor.

Possible Cause:

- 1) The FS-50 left in one spot for too long.
- 2) The FS-50 was not placed on the Floor Protector/Resting Mat.
- 3) Hard water was used in the FS-50.

Possible Solution:

- 1) Always place your FS-50 on the Floor Protector/Resting Mat whenever not actively using it. **Never** leave the FS-50 in one spot on any surface for any period of time.
- 2) Use distilled water in the FS-50.



NOTE: *To remove the spot, use a damp, dry cloth with a few drops of white vinegar and rub the stain to remove spot.*



One-Year Limited Warranty

Your **HAAN®** FS-50 Steam Cleaning Floor Sanitizer is warranted to be free from defects in material and workmanship for a period of one (1) year from the date of purchase when utilized for normal household use by the original purchaser only. The included Warranty Registration Card must be filled out and returned within 30 days of purchase. This is essential for your warranty to be effective should any problem arise with this product. Should any defect covered by the terms of the limited warranty be discovered within one year, **HAAN®** Corporation will repair or replace the defective part provided the unit is returned by the original purchaser, freight prepaid, to: **HAAN®** Corporation, 1866 Colonial Village Lane, Lancaster, PA 17601.

The liability under this warranty is limited solely to the cost of the replacement parts or the complete unit at our option. Labor charges are not included.

This warranty is extended to the original purchaser of the unit and excludes all other legal and/or conventional warranties. The responsibility of **HAAN®** Corporation, if any, is limited to the specific obligations expressly assumed by it under the terms of the limited warranty. In no event is **HAAN®** Corporation liable for incidental or consequential damages of any nature whatsoever. Some states/provinces do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights that vary from state to state or province to province.



IMPORTANT: Carefully pack item to avoid damage in shipping. Be sure to attach tag to item before packing with your name, complete address, and phone number with note giving purchase information, model number and what you believe is the problem with the item. We recommend you insure the package (as damage in shipping is not covered by our warranty). Mark the outside of your package “ATTENTION CUSTOMER SERVICE.”

We are constantly striving to improve our products; therefore, the specifications contained herein are subject to change without notice.



Product Specifications: Model FS-50

Color	Orange & Charcoal Grey
Size:	51"H x 11.5"W x 7.5"D
Weight	4 lbs
Voltage/Hz	120 volts / 60 Hz
Wattage	800 watts
Cord Length	19' 8"
Tank Capacity	11.83 fluid ounces (350 ml)
Heat-up time	less than 3 minutes
Operating Time	20 minutes before refill is needed

*Dimensions approximated. Dimensions include base and measured without hose, steam head or attachments.

Don't miss out on all of the benefits that come with registration.

To register, go to www.HAANUSA.com/register, call our Customer Care Center or mail in this completed form today.

Product Registration

HAAN®
engineering clean.™

Please fill out and mail this Product Registration Card within thirty (30) days of purchase. The registration will allow us to contact you in the unlikely event of a product safety notification. By returning this card you acknowledge that you have read and understood the instructions for use and the warnings set forth within the manual.

First Name

Last Name

Address

City

State/Province

Zip Code/Postal Code

Country/Territory

Product Name/ Model Number

Date Purchased

Place of Purchase

(Fold here and tape closed before mailing)

Warranty Notice: FAILURE TO COMPLETE AND RETURN THIS PRODUCT REGISTRATION CARD WILL NOT DIMINISH YOUR WARRANTY RIGHTS.

Privacy Notice: We use the information requested on this card to process your registration, thereby allowing you to receive the benefits of being a registered user, and for use in post-sales services. Other uses of your information are governed by the choices you make in answering the questions and the **HAAN®** privacy policy. For information on this policy, contact 1-877-422-6347 (1-877-HAAN Direct).

1) Yes! I would like **HAAN®** to send me information on products and services including new product releases, events and special offers. You may contact me by:

☐ email

☐ phone

☐ mail

2) What other **HAAN®** products have you purchased?

Cut along dashed line



Place
Stamp
Here

Product Registration
HAAN® Corporation
1866 Colonial Village Lane
Lancaster, PA 17601

3) Where did you purchase your **HAAN®** product?

4) How did you hear about **HAAN®**?

5) We like to hear from our product owners. Please add any comments here:



HAAN Corporation
1866 Colonial Village Lane
Lancaster, PA 17601

www.HAANUSA.com